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DESCRIPTORS: *Steel, Production, *Metal plates.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 5)

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DESCRIPTORS: Resistance, *High altitude, *Anoxia,
Rats, *Age, *Adaptation (Physiology), Growth.

Resistance to altitude anoxia in white rats during their
growth period drops in spurts. The critical stages in
the decline of resistance occur approximately at the age
ranges of 8-10 days, around the 10th and the 20th day.
The mean height at which young animals die are as
follows; up to 8 days - 20,000 meters; between the
10th and 14th day - 17,000 meters; between 15th and
(Biological Sciences--Physiology, TT, v. 9, no. 2)(over)

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*CPSTI TT 69-55075

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NEMATODE (K Trofichesko Kharakteristike
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Trans. of Zhurnal Obshchei Biologii (USSR) 1956,
v. 17, no. 5, p. 396-399.

DESCRIPTORS: *Parasitic Infections, *Nematodes,
*Meloidogyne, *Plants, Growth, Tissues (Biology).

Plants harboring the gall nematode, Meloidogyna
incognata, react to the infection by increasing respira-
tion and by activating respiratory enzymes in the re-
gions of gall formation. The nematode liberates a
proteolytic enzyme into the gall and feeds on the prod-
ucts of protein hydrolysis produced thereby. Gall for-
mation is caused by toxic substances produced as a re-
sult of the action of the nematode on the plant tissues.
These toxins may include certain amino acids.

62-23718

- I. Title: Galls (Botany)
- I. Myuge, S. G.
- II. CSIRO Trans-5679
- III. Commonwealth Scientific
and Industrial Research
Organization (Australia)

C223342

(Biological Sciences,
TT, v. 8, no. 8)

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Trans-T-1606.
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II. National Lending
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I. Influence of the Nature of the Polymer
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B.E. Myller.

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and Microhardness in the Glassy State, by
R. L. Myuller, et al.
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NTS W-4670

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ML 9022.09 1964 (3382) (On Loan)

CFSTI TT-63-60368

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Myuller, R. L. and Baglai, N. A.
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IN AQUEOUS SOLUTIONS OF BROMINE AND IODINE
[1961] 12p. 6 refs.
Order from OTS or SLA \$1. 10

61-18621

Trans. of Leningr[ad] U. Vestnik (USSR) 1960, v. 15
[no. 4] Ser[iya] Fiz[ika] i Khim[ii] no. 1, p. 88-94.
Another trans. is available from MDF \$4. 50 as MDF
M-134 [1960] 7p.

DESCRIPTORS: *Germanium, *Bromine, *Iodine,
Solubility, Solvent action.

Studies of the kinetics of dissolution of germanium in
bromine and iodine solutions determine that the disso-
lution process is limited by the rate of the oxidation re-
action of germanium by the molecules of bromic and
iodic acids with an activation energy of about 11 k
(Chemistry--Physical, TT, v. 6, no. 10) (over)

61-18621

I. Myuller, R. L.
II. Baglai, N. A.

Office of Technical Services

Myuller, R. L.

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[1963] 26p. 37 refs.

Order from OTS or SLA \$2.60

63-18919

Trans. of Leningrad U. Vestnik (USSR) 1961, v. 16,
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DESCRIPTORS: *Glass, *Semiconductors, *Elec-
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